

NASA TECH BRIEF

Marshall Space Flight Center



NASA Tech Briefs announce new technology derived from the U.S. space program. They are issued to encourage commercial application. Tech Briefs are available on a subscription basis from the National Technical Information Service, Springfield, Virginia 22151. Requests for individual copies or questions relating to the Tech Brief program may be directed to the Technology Utilization Office, NASA, Code KT, Washington, D.C. 20546.

Cylindrically Shaped Rope Ladder

A cylindrically shaped rope ladder is safer than conventional types, particularly for children, elderly people, or the partially crippled, and is useful where a sling and winch operation is not feasible. People who fear heights feel safer with this ladder because the climber ascends and descends inside the structure. The cylindrically shaped ladder (see figure) is a rope net held in a cylindrical configuration by supporting metal hoops which are spaced at vertical intervals along the ladder. Being of rope construction, the ladder is easily handled and transported. In addition to the many general applications, the ladder has been used for internal inspections of empty liquid storage tanks.

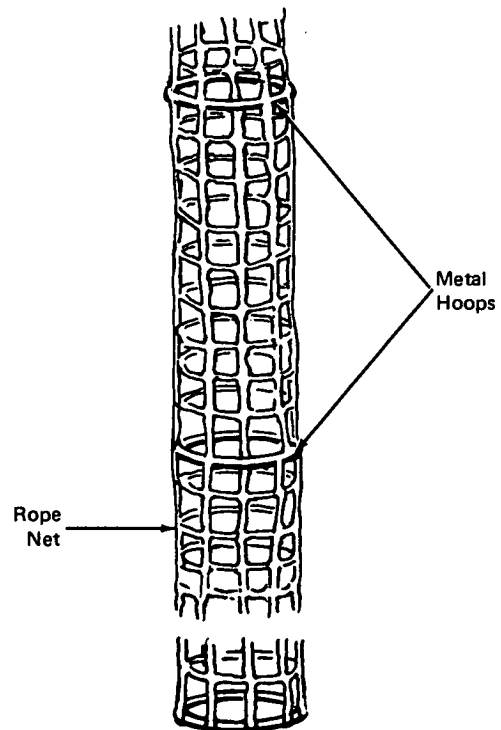
Notes:

1. Information concerning this innovation may be of interest to manufacturers of rescue equipment and rescue agencies.
2. Requests for further information may be directed to:
Technology Utilization Officer
Marshall Space Flight Center
Code A&PS-TU
Marshall Space Flight Center, Alabama 35812
Reference: B72-10688

Patent status:

NASA has decided not to apply for a patent.

Source: C. S. Range of
North American Aviation, Inc.
under contract to
Marshall Space Flight Center
(MFS-16319)



Category 07